

CLAIMS

1. A method for manufacturing an aspherical seamless capsule comprising:

5 a first step for providing a seamless capsule having a filler encapsulated with a shell membrane;

a second step for drying said seamless capsule provided in said first step until a predetermined percentage content of solvent in said shell membrane reaches a predetermined value;

10 a third step for heating said seamless capsule obtained in said second step so that said shell material may get to a semi-sol state; and

15 a fourth step for forming said seamless capsule obtained in said third step into a predetermined aspherical shape.

2. A method for manufacturing an aspherical seamless capsule according to Claim 1, wherein said shell membrane is a material containing water as a solvent, and said shell membrane of said seamless capsule
20 obtained in said second step has a solvent content of 20% by weight or less.

3. A method for manufacturing an aspherical seamless capsule according to Claim 1 or 2, wherein the heating in said third step uses microwave.

25 4. A method for manufacturing an aspherical seamless capsule according to Claim 1 or 2, wherein said forming

in said fourth step is a compression molding process using dies.

5 5. A method for manufacturing an aspherical seamless capsule according to Claim 1 or 2, wherein said forming in said fourth step is carried out while cooling said seamless capsule.

6. An apparatus for manufacturing an aspherical seamless capsule comprising:

10 a heating part for heating a spherical seamless capsule having a filler encapsulated with a shell membrane; and

15 a forming part for forming said seamless capsule into an aspherical shape, while said shell membrane of said seamless capsule heated by said heating part is in a semi-sol state.

7. An apparatus for manufacturing an aspherical seamless capsule according to Claim 6, wherein said heating part is a heater using microwave.

20 8. An apparatus for manufacturing an aspherical seamless capsule according to Claim 6 or 7, wherein said forming part is a compression molding machine.